

**§ 3271.12 What do I need to start preliminary site investigations which may disturb the surface?**

- (a) You must:
  - (1) Fully describe your proposed operations in a sundry notice; and,
  - (2) File a bond meeting the requirements of either 43 CFR 3251.15 or 3273.19. See Subparts 3214 and 3215 for additional details on bonding procedures.
- (b) Do not begin the site investigation or surface disturbing activity until BLM approves your sundry notice and bond.

**§ 3271.13 What do I need to start building and testing a utilization facility which is not located on Federal lands leased for geothermal resources, but the pipelines and facilities connecting the well field are?**

- (a) Before constructing pipelines and well field facilities on Federal lands leased for geothermal resources, the lessee, unit operator or facility operator must submit your utilization plan and facility construction permit addressing any pipelines or facilities. Do not start construction of your pipelines or facilities until BLM approves your utilization plan and facility construction permit.
- (b) Before testing a utilization facility which is not located on Federal lands leased for geothermal resources with Federal geothermal resources, send us a sundry notice which describes the testing schedule and the amount of Federal resources you expect to be delivered to the facility during the testing. Do not start delivering Federal geothermal resources to the facility until we approve your sundry notice.
- (c) You do not need a BLM permit to construct a facility located on either:
  - (1) Private land; or
  - (2) Lands where the surface is privately owned and BLM has leased the underlying Federal geothermal resources, when the facility will utilize Federal geothermal resources.

**§ 3271.14 How do I get a permit to begin commercial operations?**

Before using Federal geothermal resources, the lessee, operator, or facility operator must send us a complete commercial use permit (43 CFR 3274.11).

This also applies when you use Federal resources allocated through any form of agreement. Do not start any commercial use operations until BLM approves your commercial use permit.

**Subpart 3272—What is in a Utilization Plan and Facility Construction Permit?**

**§ 3272.10 What must I give BLM in my utilization plan?**

Describe the proposed facilities as set out in 43 CFR 3272.11, and the anticipated environmental impacts and how you propose to mitigate those impacts, as set out at 3272.12.

**§ 3272.11 How should I describe the proposed utilization facility?**

Your description must include:

- (a) A generalized description of all proposed structures and facilities, including their size, location, and function;
- (b) A generalized description of proposed facility operations, including estimated total production and injection rates; estimated well flow rates, pressures, and temperatures; facility net and gross electrical generation; and, if applicable, interconnection with other utilization facilities. If it is a direct use facility, send us the information we need to determine the amount of resource utilized;
- (c) A contour map of the entire utilization site, showing production and injection well pads, pipeline routes, facility locations, drainage structures, and existing and planned access and lateral roads;
- (d) A description of site preparation and associated surface disturbance, including the source for site or road building materials, amounts of cut and fill, drainage structures, analysis of all site evaluation studies prepared for the site(s), and a description of any additional tests, studies, or surveys which are planned to assess the geologic suitability of the site(s);
- (e) The source, quality, and proposed consumption rate of water used during facility operations, and the source and quantity of water used during facility construction;